



Our mission is to deliver innovative outdoor, science-based education programs for youth to develop critical thinking skills and to inspire natural resource stewardship.

Dear SNJ Partner Teacher,

Thank you for participating in a Sierra Nevada Journeys “Classrooms Unleashed” program. Please take note of the following included items:

- **Assessments** – We’ve included a class set of assessments for each class participating in the upcoming program. **Please administer the included pre-assessments in-class before Lesson 1 of the program.** The SNJ educator will collect them on the first day of the program. On the day of Lesson 4, we will bring you the post-assessment for you to administer and send to us after the program ends.
- **Extension Lessons** – We’ve written high-quality, Common Core-aligned extension lessons with Math, ELA, Arts and Social Studies connections, for you to use before, during and after your program! These lessons will greatly enhance your students’ understanding of the concepts we’ll be focusing on, and will help them make connections between the science content and their world. Please visit sierranevadajourneys.org/teacherscorner to access! (Your password is **SNJTeacher**)
- **Field Trip Forms** – There are some forms associated with your field trip:
 - Student grouping form,
 - SNJ Parent Permission Form (English & Spanish)*
 - Map/Directions to field site (W.O.W. Museum)
 - W.O.W. Teacher Introduction Packet
- Sierra Nevada Journeys will not be present on your field trip day, your **contact for the W.O.W. Science Museum is Jen Young**. You can contact Jen at jen@wowsciencemuseum.org or at 209-368-0969.

If you have any questions about this packet or the program, please don’t hesitate to reach out to us – Sarah Barnes, Program Director, at sarah@sierranevadajourneys.org, or you can reach us at 916-827-0765. Thank you for selecting Sierra Nevada Journeys as your partner. Together we’ll embrace the opportunity to reach all students, preparing them to be critical thinkers and life-long learners as they find their place in our world.

Warm regards,

The SNJ Team



Field Study Trip Guide

World of Wonders Science Museum
2 N. Sacramento Street, Lodi, CA 95240

209-368-0969

www.wowsciencemuseum.org

About The WOW

Welcome to the World of Wonders Science Museum!

Join us in exploring science and discovery at the World of Wonders (WOW) Science Museum. Our mission is to offer hands-on science-based exhibits and programs to stimulate discovery for all ages. We have over fifty hands-on exhibits and a growing range of programs that explore science through edutainment. We offer a motivating and fun place where children and adults can learn about the world around them through science!

Here's what the WOW does for our region:

- Increases interest in Science
- Closes the gap in science education
- Provides a "Field Study" destination
- Serves as a family-oriented, fun place
- Stimulates our local economy
- Contributes for future generations
- Enhances our quality of life

WOW Field Study Trip information

The World of Wonders Science Museum offers standards-based hands-on science education for preschool through High school. Each group has the opportunity to learn science. Educators (you!) can choose an activity designed for your students' grade level. All of the scientific theories explored in our activities are designed to meet the California Science Content Standards.

Preparation for Field Study Trip

Things to cover with your class before you arrive

To help your trip run smoothly we ask you cover a few things with your students prior to your visit.

- Have your students split into two groups. To accommodate the classroom activity we will need students to be in smaller groups. Before your trip please decide how you will divide your groups and also inform students what group they will be in.
- Arrive at scheduled time. The WOW is a busy place, and we have multiple field trips and programs constantly running. Field trips who are extra late or extra early can affect

other groups, and we want to be sure everyone is able to enjoy their full experience. If something unexpected does come up please notify us as soon as possible and we will do our best to make sure you can still enjoy your full field trip.

- Show respect for all of our exhibits and for each other. We know sometimes even our most well behaved students can get swept up in all of the excitement of field trips (who doesn't love getting out of the classroom for a day?). Please remind students exhibits are meant to be hands-on and interactive, they still need to be treated with the same respect they show in the classroom.
- Hungry tummies must eat and drink outside the museum to help protect our exhibits. It is difficult after all to use a microscope if there is peanut butter on the lens. Bottled water is fine inside the museum, and we also have a drinking fountain.

Parking

- Busses- There is room for street parking busses to Pine Street and Maine (directly behind the museum)
- Individual Cars- We are located at the bottom of a parking structure. Parking in the structure is free and there are no time limitations. There is also parking on the street in front of the museum. Street parking has a 90-minute time limitation.

Lunches

- Onsite- If you plan on eating lunch before or after your visit to the WOW Science Museum please be aware, there is no area onsite for lunches.
- Offsite- The majority of field trips eat lunch at one of the local parks, weather permitting. A few park options are: Emerson, Peterson, and Katzakian. Please contact the Lodi Parks and Recreation department to book a park for your field trip lunch, (209) 333-6742 or <http://www.lodi.gov/PRCS/facilities.html>.

Schedule

Once you and your students have arrived, our WOW educators will do a brief orientation welcoming them to the museum and briefly cover the event schedule. Our educator will remind the students of their two separate groups as well as some ground rules to better enjoy the museum. Following the introduction, students will have half an hour to explore the exhibits on the floor. After students have had a chance to explore, we ask the first group to go into the classroom for their hands-on activity. This activity will last 30 minutes. Once the first group completes the activity, we will rotate group one with group two and bring the second group of students into the classroom for the activity. The second group will complete their activity just before the field trip comes to end. All students will be joined back at this point and bid adieu.

Chaperones

We ask that you provide one chaperone for every five children. This ensures that there are parents keeping an eye on their group and helping to guide them through the museum. The chaperones for the 1 to 5 ratio are included in the payment. Each additional chaperone (more than one parent to every five students) will be charged the regular admissions price of \$6.00. This does not apply to preschools or to groups with special needs. Please notify the Educational Program Coordinators if this pertains to your group. Remind chaperons before the trip to not only be attentive to their groups, but also that students will gain much more from their experience if chaperones help them to explore the exhibits and ask questions.

WOW Science Store

Shopping at the WOW Science Store is a great way to help support the museum. For this reason, we will have the store open unless otherwise requested prior to the date of trip. Students may not enter the store unless are accompanied by an adult.

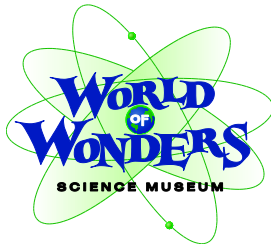
Scavenger Hunts

The WOW offers scavenger hunts to help guide excited students through the exhibit space. There are two different scavenger hunts based on your students grade level included in this packet. If you choose to have your students complete the scavenger hunt please make copies for your class prior to your trip. We will provide pencils and clip boards with advanced notice.

Payment/ Refund policy

Payment for the field study trip is due no later than 2 weeks prior to the scheduled trip date. An invoice of the amount due will be sent via e-mail once the field study trip is initially booked. Any field study trip cancelled within a two-week period of their scheduled trip date is subject to a \$50 cancellation fee.

For additional information, email education@wowsciencemuseum.org or call the museum at 209-368-0969.



WOW Scavenger Hunt

1. **Earthquake Table:** Create a building with some blocks both on the rollers and off the rollers to compare. Hold the fault button. Observe the effects of the earthquake you produced. Describe the differences below.
2. **Color Wall:** How many shadows of yourself do you see? Does it matter where you stand?
3. **Reaction Time:** What was your reaction time? What are you faster/slower than?
4. **Smoke Ring:** What happens when you gently push down on the top?
5. **Heartbeat Machine:** Check your heartbeat. Write it here
_____/bpm.
Next, do 15 jumping jacks and then recheck your heartbeat.
_____/bpm.
6. **Strobe Effect:** What happens when you speed up the frequency of the strobe light? What happens when you slow it down?
7. **Turntable:** Like a tire on a car, the center of this disk moves _____, than the outer edge.
8. **Domino Table:** Using all the dominoes, give your fastest time from start to finish.
What time did you get?
_____:
9. **Pulley Power:** Which of the three pulleys is the easiest to pull? Which is the hardest?



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PARENT PERMISSION

Thank you for your interest in Sierra Nevada Journeys' (SNJ) Classrooms Unleashed Program! We're incredibly excited to have your child at this exciting science adventure program. Please sign this waiver and return it to your child's teacher before he or she goes on their field trip. Thank you very much and we look forward to seeing your child soon!

To learn more about our programs, including summer camps, visit us at: sierranevadajourneys.org.

-The SNJ Team

Parent/Student Contract & Waiver

I understand that during my child's participation with Sierra Nevada Journeys' (SNJ) and organizations that we partner with, s/he may be exposed to a variety of risks and hazards, foreseen or unforeseen, which cannot be eliminated without fundamentally altering the unique character of the Program. Those hazards include the dangers associated with hiking outdoors. As a condition of my child's participation in the Program, I acknowledge that participation is entirely voluntary, and I agree to assume full responsibility for the risks that participation may entail. I voluntarily agree to release and hold harmless Sierra Nevada Journeys to the fullest extent permitted by law.

One of the best ways to explain SNJ's mission is by telling stories through the photographs, writing, artwork and testimonials of SNJ's program participants. SNJ occasionally uses these items in their promotional materials (e.g., brochures, newsletters, annual report, website, etc.).

I agree that any photographs of my child taken by SNJ, or any video, writing, artwork and/or testimonials created by my child and submitted to SNJ, shall become the property of SNJ, and may be used by SNJ for marketing and/or advertising purposes (only), and I hereby consent to and authorize such use. When you provide your mailing address, you may receive a letter describing your child's educational experience with SNJ.

School _____ Teacher _____

Parent/Guardian Name _____

Signature _____

Student Name _____

Date _____

Mailing Address _____

City _____ State _____ Zip Code _____

Spanish is my primary language.

190 East Liberty Street
Reno NV 89501
(775) 355-1688
info@sierranevadajourneys.org
www.sierranevadajourneys.org

5900 Grizzly Road
Portola, CA 96122
(530) 832-1085

A 501(c)(3) Non-Profit Corporation
EIN: 01-0881587





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PARENT PERMISSION

Estimados Padres,

¡Gracias por su interés en Viajes de Sierra Nevada Journeys (SNJ) El Programa de “Field-Based”! Somos emocionados increíblemente en poder trabajar con su estudiante en esta ciencia emocionante y el programa de la educación ambiental. Estaremos utilizando un salón para la mayor parte de nuestros experimentos de experiencia. Nuestros instructores experimentados mantendrán a su niño seguro como ellos aprenden y crecen sobre el curso de la sesión. El programa corre para cuatro semanas. ¡Muchas Gracias por su apoyo!

El Personal de Viajes de Sierra Nevada

Contrato y Permiso entre Padre y Hijo

Yo comprendo que durante la participación de mi niño con Viajes de Sierra Nevada Journeys (SNJ) programa, él/ella puede ser expuesto a una variedad de riesgos y peligros que no pueden ser eliminados sin alterar fundamentalmente el carácter extraordinario del Programa. Una condición de la participación de mi niño en el Programa, yo reconozco esa participación es enteramente voluntaria, y concuerdo en asumir responsabilidad plena para los riesgos que esa participación puede traer consigo. Concuerdo voluntariamente soltar y tener los Viajes de Sierra Nevada inocuo a la extensión más plena permitida por la ley.

Uno de las mejores maneras de explicar nuestra misión es diciendo nuestra historia por las fotografías, escrituras, el trabajo artístico y testimoniales de nuestros participantes del programa. Utilizamos ocasionalmente estos artículos en nuestras materias promocionales (por ejemplo, los folletos, los boletines, el informe anual, el sitio web, etc.) Concuerdo que cualquier fotografía de mi niño tomado por SNJ, o por cualquier video, escrituras, el trabajo artístico y/o testimonial creado por mi niño y sometido a SNJ, llegará a ser la propiedad de SNJ, y puede ser utilizado por SNJ para propósitos de vender y/o anunciar (sólo), y yo por la presente consiento a y autorizo tal uso. Cuando proporcione su dirección postal, puede recibir una carta describiendo la experiencia educativa de su hijo con SNJ.

Escuela _____

Maestro _____

Nombre de Padre / Guardián _____

Firma _____

Nombre de Estudiante _____ Fecha _____

Dirección de envío _____

Ciudad _____ Estado _____ Código Postal _____

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